INFORMATION REPORT Approved For Release 2001/12/04: CIA-RDP82-0045 R00760050000

COUNTRY UBBR (Noscow Oblast)

DATE DISTR.

25 Feb. 1952

Test Stand of Plant'No. 456 in Loscow-Khimki SUBJECT

NO. OF PAGES

PLACE ACQUIRED DATE OF INFO.

NO OF ENCLS.

SUPPLEMENT TO REPORT NO.

25X1X

- When experiments were made with V-2 power plants, a jet of flame of a white to light yellow color which developed a cloud of smoke of the same color was seen.
- During the period from January 1948 to January 1949 an average of one or two but never more than four experiments were mode daily between 8 come and 5 p.m. (1) The frequency at which the experiments were made increased during 1948. At first the experiments were made every two weeks, then every week and finally once every day. In the sum or of 1948 a combustion period of about rive minutes was reached for the first tire, while previously this combustion poriod was orly one minute. (2)
- 3. About 15 limites prior to each experiment a hone 4 to 6 cm in diameter was laid from the silver-gray containers just south of the test stand to the second floor of the stand. Willo the fuel was being purpod to the test stand the hose was covered with a white coating. The jet of flame seen then the experiment was started was of a yellow-blue tint which gradually changed to a reddish color. The light rellow-blus flare was seen for only a short time. The red ish flame was gradually enveloped by moke. The smoke, which developed immediately after the tongue of flame was seen, but a blue grey color which then burned to white. The smell of the smoke was similar to that developed by bursting artillory shells.
- while unloading railroad cars arriving from Camasay in 1947/15'8, sourcesaw several V-2s. According to Gorgan engineers, former German V-whapons were further developed in Plant No 456. V-weapons of various types were also manufactured there. C: rhoys lettered Hydrogen Perceids, others filled with nitric acid, and cans lettered Anilin were also inleaded and taken to Plant No 456. (3)
- while the test stand, which was also called launching tower, was being built, a factory for the production of fluid way, an also we ander construction.

	SSIFICATION	COMPIDEN	PIA L		
STATE X NAVY X X	NSRB	DISTRIBUTION		T III	
ARMY / X AIR #X X	FBI				
Δη	proved For F	, 2010250 201	01/12/04 · CIA	Document No. No Change in Class. Declassified Glass. Changed To: TS Auth.: HR 78-2 Date: 09 AUG 1978 RDP82-00457R0076005000	S 6 By: <i>OU</i>

CONFIDENTIAL

CENTRAL INTELLIGENCE AGENCY

25X1A

- 6. The power plants were not manufactured in clant No 156 but arrived from Moscow by special truck.
- 7. Source learned from Cornan Foreren Haase (fnu) that the power plants at the test stand were Lurning liquid egygen, hich was produced in the new oxygen plant. He said that some other unidentified chemicals were admired.
- It was learned from German engineers that the Soviets at first appearenced difficulties with gastest allegadly fitted in the power plants. These difficulties were caused by the high degree of cold characteristic of liquid oxygen. Thile these difficulties were soon overcome, the composition of the che icals was said to be still unsatisfactory. The chemicals required for the propulsive charger of the German V-weapons were conflactured at IG-Parben Plants. The Soviets allegedly did not you know the process of manufacturing these materials in early 1919. However, Corman professors torking in a Voscow institute reportedly had rade so much progress in this field that the Seviets, according to the German entineers, will soon have the same propulsive charges furnishly available to the Germans. (5)

25X1A

Comments.
On the basis of available information it is believed that the test standard not put into operation before the summer of 1940 and the four to five pow r plants were tested daily at the end of that year.
The combustion eriod was stated differently by the interrogated Pis;

however, the general estimate was one right.

(3) These carloys were reported reviously. It is known that experiments with other fuels were rade in the so-called laboratory under the supervision of Dr. Putze (fnu), Hitric acid has also been used for those experiments.

(h) According to other sources, the expendiant built in the area of Plant No 456 was already in operation at the ad of 1975.

Details on the results of these experiments decimed to make the efficiency of the V-weapons are not available. The Carman organization formerly employed at Plant No 156 has seturned to the Seviet Zone of Germany.

COLFID UTF 1